



Sheet 1 of 3

FORM PTO-1449  INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.  7537.29	SERIAL NO.  09/298,245
	APPLICANTS  E. Excel International	
	FILING DATE  April 23, 1999	GROUP  1615

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
P	A1	5,840,309	11/24/98	Herstein et al.	424	195.1	01/06/97
P	A2	5,817,299	10/06/98	Manirazman	424	59	11/01/96
P	A3	5,773,014	06/30/98	Perrier et al.	424	401	10/07/96
P	A4	5,747,462	05/05/98	Fuentes	514	23	08/16/95
P	A5	5,736,584	04/07/98	Kunkel	514	919	10/21/96
P	A6	5,720,962	02/24/98	Ivy et al.	424	401	10/04/95
P	A7	5,676,956	10/14/97	Duffy et al.	424	401	04/10/96
P	A8	5,665,365	09/09/97	Bombardelli et al.	424	401	07/06/95
P	A9	5,643,587	07/01/97	Scancarella et al.	424	401	02/15/96
P	A10	5,618,521	04/08/97	de Rigal et al.	424	59	06/16/95
P	A11	5,595,743	01/21/97	Wu	424	195.1	12/20/94
P	A12	5,571,503	11/05/96	Mausner	424	59	08/01/95
P	A13	5,565,199	10/15/96	Page et al.	424	195.1	02/07/95
P	A14	5,470,874	11/28/95	Lerner	514	474	10/14/94
P	A15	5,466,455	11/14/95	Huffstutler, Jr. et al.	424	401	09/15/93
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P	A17	5,034,226	07/23/91	Beck	424	195.1	02/19/88
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P	A19	4,795,638	01/03/89	Ayache et al.	424	195.1	11/15/85
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
P	A24	1125052	06/26/96	China		X
P	A25	1120410	04/17/90	China		X
P	A26	1076624	09/29/93	China		X
P	A27	1076623	09/29/93	China		X
P	A28	1048799	01/30/91	China		X

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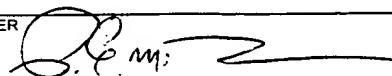
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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<input checked="" type="checkbox"/> R	A31	5310527	11/22/93	Japan			X Abstract
<input checked="" type="checkbox"/> R	A32	6271452	09/27/94	Japan			X Abstract
<input checked="" type="checkbox"/> R	A33	8332028	12/17/96	Japan			X Abstract
<input checked="" type="checkbox"/> R	A34	63192705	08/10/88	Japan			X Abstract
<input checked="" type="checkbox"/> R	A35	61092530	05/10/86	Japan			X Abstract
<input checked="" type="checkbox"/> R	A36	59227244	12/20/84	Japan			X Abstract
<input checked="" type="checkbox"/> R	A37	58067151	04/21/83	Japan			X Abstract
<input checked="" type="checkbox"/> R	A38	1133142	10/16/96	China			X Abstract
<input checked="" type="checkbox"/> R	A39	1114872	01/17/96	China			X Abstract
<input checked="" type="checkbox"/> R	A40	1103779	06/21/95	China			X Abstract
<input checked="" type="checkbox"/> R	A41	1097618	01/25/95	China			X Abstract
<input checked="" type="checkbox"/> R	A42	8333260	12/17/96	Japan			X Abstract
<input checked="" type="checkbox"/> R	A43	6271452	09/27/94	Japan			X Abstract
<input checked="" type="checkbox"/> R	A44	9304523	04/27/94	South Africa			X Abstract
<input checked="" type="checkbox"/> R	A45	DE 4331252	05/19/94	Germany			X Abstract
<input checked="" type="checkbox"/> R	A46	WO 9507681	03/23/95	<del>PCT</del> WO			X Abstract
<input checked="" type="checkbox"/> R	A47	2659014	09/06/91	France			X Abstract
<input checked="" type="checkbox"/> R	A48	2703189	08/03/78	Germany			X Abstract
<input checked="" type="checkbox"/> R	A49	52120154	10/08/77	Japan			X Abstract
<input checked="" type="checkbox"/> R	A50	55230710 60023076	06/14/80	Japan			X Abstract
<input checked="" type="checkbox"/> R	A51	51115968	10/13/76	Japan			X Abstract
<input checked="" type="checkbox"/> R	A52	144830	02/17/75	Netherlands			X Abstract
<input checked="" type="checkbox"/> R	A53	WO 93/11779	12/07/92	<del>PCT</del> WO			X Abstract

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(Including Author (if any), Title, Pertinent Pages, Date and Place of Publication)

EXAMINER INITIAL	DOCUMENT CITATION
<input checked="" type="checkbox"/> R A54	English language abstract for Chinese Patent No. 1125052, listed above.
<input checked="" type="checkbox"/> R A55	English language abstract for Chinese Patent No. 1120410, listed above.
<input checked="" type="checkbox"/> R A56	English language abstract for Chinese Patent No. 1076624, listed above.
<input checked="" type="checkbox"/> R A57	English language abstract for Chinese Patent No. 1076623, listed above.
<input checked="" type="checkbox"/> R A58	English language abstract for Chinese Patent No. 1048799, listed above.
<input checked="" type="checkbox"/> R A59	English language abstract for Japanese Patent 5310527, listed above.
<input checked="" type="checkbox"/> R A60	English language abstract for Japanese Patent No. 6271452, listed above.
<input checked="" type="checkbox"/> R A61	English language abstract for Japanese Patent No. 8332028, listed above.
<input checked="" type="checkbox"/> R A62	English language abstract for Japanese Patent No. 63192705, listed above.
<input checked="" type="checkbox"/> R A63	English language abstract for Japanese Patent No. 61092530, listed above.
<input checked="" type="checkbox"/> R A64	English language abstract for Japanese Patent No. 59227244, listed above.

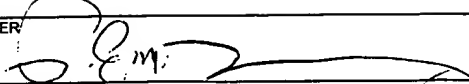
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<input checked="" type="checkbox"/> A65	English language abstract for Japanese Patent No. 58067151, listed above.
<input checked="" type="checkbox"/> A66	English language abstract for Chinese Patent No. 1133142, listed above.
<input checked="" type="checkbox"/> A67	English language abstract for Chinese Patent No. 1114872, listed above.
<input checked="" type="checkbox"/> A68	English language abstract for Chinese Patent No. 1103779, listed above.
<input checked="" type="checkbox"/> A69	English language abstract for Chinese Patent No. 1097618, listed above.
<input checked="" type="checkbox"/> A70	English language abstract for Japanese Patent No. 8333260, listed above.
<input checked="" type="checkbox"/> A71	English language abstract for Japanese Patent No. 6271452, listed above.
<input checked="" type="checkbox"/> A72	English language abstract for German Patent No. DE 4331252, listed above.
<input checked="" type="checkbox"/> A73	English language abstract for French Patent No. 2659014, listed above.
<input checked="" type="checkbox"/> A74	English language abstract for German Patent No. 2703189, listed above.
<input checked="" type="checkbox"/> A75	English language abstract for Japanese Patent No. 52120154, listed above.
<input checked="" type="checkbox"/> A76	English language abstract for Japanese Patent No. 80022076, listed above.
<input checked="" type="checkbox"/> A77	English language abstract for Japanese Patent No. 51115968, listed above.
<input checked="" type="checkbox"/> A78	English language abstract for Netherlands Patent No. 144830, listed above.

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A2	5,744,187	04/28/98	Gaynor	426	599	12/16/96
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A4	5,290,605	03/01/94	Shapira	424	439	10/16/92
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A8	4,615,900	10/07/86	Schenz et al.	426	590	04/15/85
A9	4,078,092	03/07/78	Nishiyama	426	584	08/24/76
A10						

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A11						

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A12	

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